



PTO/SB/21 (02-04)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

5

Application Number

10/676,212

Filing Date

10/01/2003

First Named Inventor

Chen

Art Unit

1625

Examiner Name

To Be Assigned

Attorney Docket Number

CD01613K

ENCLOSURES (Check all that apply)

Fee Transmittal Form

☐ Fee Attached

Amendment/Reply

☐ After Final☐ Affidavits/declaration(s)

Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Response to Missing Parts/
Incomplete Application☐ Response to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____

Remarks

After Allowance communication
to GroupAppeal Communication to Board
of Appeals and InterferencesAppeal Communication to Group
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please
Identify below):FORM 1449 (2 pages), 24 References,
Return Post Card**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm

or

Individual name

THOMAS D. HOFFMAN, Reg. No. 28,221

Signature

Date

March 24, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name

THOMAS D. HOFFMAN, Reg. No. 28,221

Signature

Date

March 24, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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The PTO did not receive the following
listed item(s) Fee transmittal



Patent Case No. CD01613K

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Frank X. Chen, et al.

Application No.: 10/676,212

Filed: October 1, 2003

For: An Enantioselective Process

:

Group Art Unit: 1625

:

Examiner: To Be Assigned

:

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Schering-Plough Corp.
Patent Dept., K-6-1-1990
2000 Galloping Hill Rd
Kenilworth, NJ 07033

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants respectfully direct the Examiner's attention to the document(s) listed on the accompanying Forms PTO 1449. Applicants have listed publication dates on the attached Form PTO 1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not

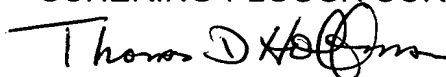
to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that had been cited by or submitted to the U.S. Patent and Trademark Office in any prior application relied on under 35 U.S.C. § 120. 1138 OG 37, 38 (May 19, 1992).

This Information Disclosure Statement is being filed before the receipt of the first Office Action on the merits, and before the mailing date of a Final Rejection or Notice of Allowance.

It is respectfully requested that the Examiner initial and return a copy of the enclosed Form PTO 1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.

Respectfully submitted,

SCHERING-PLOUGH CORPORATION

A handwritten signature in black ink, appearing to read "Thomas D. Hoffman", is written over the printed name.

THOMAS D. HOFFMAN
Attorney of Record for Applicants
Reg. No. 28, 221
Tel. No. (908) 298-5037
Fax No. (908) 298-5388


Sheet 1 of 2

FORM PTO-19 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO.: CD01613K	SERIAL NO.: 10/676,212
	APPLICANT: CHEN, et al.	
	FILING DATE: 10/01/2003	GROUP: 1625

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	6,372,909 B1	04/16/2002				
	AB	5,719,148	02/17/1998				
	AC	5,760,232	06/02/1998				
	AD	5,874,442	02/23/1999				
	AE	5,998,620	12/07/1999				
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

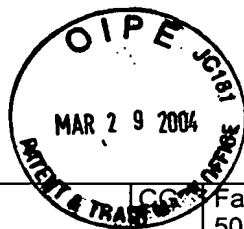
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	BA	W0 98/57958	12/23/1998					
	BB	W0 93/21176	10/28/1993					
	BC							
	BD							
	BE							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	Chemical Abstracts, Vol. 121, no. 7, <i>Abstract No. 82181</i> , (1994).
CB	Chemical Abstracts, Vol. 116, no. 19, <i>Abstract No. 194813</i> , (1992).
CC	Chemical Abstracts, Vol. 82, no. 17, <i>Abstract No. 111993</i> , (1975).
CD	Ahmad, S., <i>et al.</i> Inhibition of Pig Kidney L-Aromatic Amino Acid Decarboxylase by 2,3-Methano-m-tyrosines, <i>J. Med. Chem.</i> , Vol. 35, No. 8, (1992) pp. 1410-1417.
CE	Dolling, U., <i>et al.</i> , Efficient Catalytic Assymmetric Alkylations 1. Enantioselective Synthesis of (+) – Indacrinone via Chiral Phase-Transfer Catalysis. <i>J. Am. Chem. Soc.</i> Vol 106, 1984, pp. 446 – 447.
CF	Evans, D.A., <i>et al.</i> , Assymmetric Alkylation Reactions of Chiral Imide Enolates. A Practical Approach to the Enantioselective Synthesis of α -Substituted Carboxylic Acid Derivatives, <i>J. Med. Chem. Soc.</i> , Vol. 104, No. 6, (1982), pp. 1737 – 1738.

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



CC	Faber, W.S., <i>et al.</i> Catalytic Kinetic Resolution of 5-Alkoxy-2(5H)-Furanones, <i>Tetrahedron</i> , Vol. 50 No. 16, (1994), pp. 4775 – 4794.
CH	Gauthier, S., <i>et al.</i> , (EM-800): A Highly Potent , Specific, and Orally Active Nonsteroidal Antiestrogen, <i>J. Med. Chem.</i> , Vol. 40, No. 14, (1997), pp. 2117 – 2122.
CI	Gustafsson, H, <i>et al.</i> , Some New x-(Cyclopolymethylenepyrzazolyl-2) propionic Acids, Resolution of x(Cycloheptapyrazolyl-2) propionic Acid and Determination of its Absolute Configuration, <i>Acta. Chem. Scand. Ser. B</i> , Vol. B28, No. 9 (1974), pp. 1067-1073.
CJ	Heaton, Steven B., <i>et al.</i> Chiral Arene Chromium Tricarbonyl Complexes as Enantoselective Catalysts: Highly Selective 1, 2 Alkyl Additions to Aldehydes <i>Tetrahedron letters</i> , Vol. 33, No. 13, (1992) pp. 1693 – 1696.
CK	Kajiwara, Tadahiko, <i>et al.</i> , Stereoselective Synthesis of Ectocarpene and Its Antipode via Microbiological Asymmetric Hydrolysis, <i>Agric. Biol. Chem.</i> Vol. 45, No. 6 (1981) pp. 1461 – 1466.
CL	Morgan, Brian, <i>et al.</i> , Enzymatic Kinetic Resolution of Piperidine Atropisomers: Synthesis of a Key Intermediate of the Farnesyl Protein Transferase Inhibitor, <i>SCH66336</i> , Vol. 65, No. 18 (2000), pp.5451 – 5459.
CM	Njoroge, F. George, <i>et al.</i> , Synthesis of C-11 Methyl-Substituted Benzocycloheptapyridine Inhibitors of Farnesyl Protein Transferase; <i>Organic Letters</i> , Vol. 1, No. 9, (1999), pp. 1371 – 1373.
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CO	Takaya, Y., <i>et al.</i> , Rhodium-catalyzed asymmetric 1, 4-addition of arylboron compounds generated in situ from aryl bromides, <i>Tetrahedron Letters</i> , Vol. 40 (1999) pp. 6957-6961.
CP	Villani, F., <i>et al.</i> , Derivatives of 10, 11-Dihydro-5H-dibenso [a,d] cycloheptene and Related Compounds. 6. Aminoalkyl Derivatives of the Aza Isosteres, <i>Journal of Medicinal Chemistry</i> , Vol. 15, No. 7, (1972), pp. 750-754.
CQ	Yamamura, S. <i>et al.</i> , Zinc Reductions of Keto-Groups to Methylene Groups, <i>J. Chem. Soc.</i> , (1968), pp. 2887 – 2889.
EXAMINER	
DATE CONSIDERED	
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> <p>40681</p>	